ELSEVIER

Landscape and Urban Planning 41 (1998) 293–294

LANDSCAPE
AND
URBAN PLANNING

Contents of *Landscape and Urban Planning*, Volume 41

Vol. 41 No. 1 **15 May 1998**

Editor's Note 1

Applying ecological models to altered landscapes. Scenario-testing with GIS
R.D. Swetnam (Cambridgeshire, UK), P. Ragou (Athens, Greece), L.G. Firbank (Cumbria, UK), S.A. Hinsley and P.E. Bellamy (Cambridgeshire, UK) 3

The Crete Senesi, Tuscany. A vanishing landscape?
C.P. Phillips (Brighton, UK) 19

Applying GIS and landscape ecological principles to evaluate land conservation alternatives
R.G. Lathrop, Jr. and J.A. Bognar (New Brunswick, NJ, USA) 27

Urban parks as green walls or green magnets? Interracial relations in neighborhood boundary parks
P.H. Gobster (Evanston, IL, USA) 43

Applying ecological knowledge in landscape planning: a simulation model as a tool to evaluate scenarios for the badger in the Netherlands
R.C. Van Apeldoorn, J.P. Knaapen, P. Schippers, J. Verboom, H. Van Engen and H. Meeuwsen (Wageningen, The Netherlands) 57

Book Reviews

Luis barragán: The phoenix papers 71

Water quality, management of a natural resource 74

Assessment and management of plant invasions 75

Design of urban space: an inquiry into a sociospatial process 76

Vol. 41 No. 2 **15 June 1998**

Sustainable land use planning
H.N. Van Lier (Wageningen, The Nertherlands) 79

The role of land use planning in sustainable rural systems
H.N. Van Lier (Wageningen, The Netherlands) 83

Rural buildings and environment
G. Ruda (Gödölló, Hungary) 93

Establishment of crop production database for natural regions and its role in cropping
I. Tirczka and I. Ferencsik (Gödölló, Hungary) 99

Sustainable land use planning in protected rural areas in Italy
G. Senes and A. Toccolini (Milano, Italy) 107

Developing agricultural land use strategies appropriate to nature conservation goals and environmental protection
A. Meyer-Aurich, P. Zander, A. Werner and R. Roth (Müncheberg, Germany) 119

Diagnostics and location of erodible soils and anti-erosion proposals on example of SE-Danubian lowland part
J. Sobocká, P. Jambor (Bratislava, Slovak Republic) 129

Land use planning in the Netherlands; finding a balance between rural development and protection of the environment
M.J. Van der Vlist (Wageningen, Netherlands) 135

Optimization of agriculture in relation to the multifunctional role of the landscape
B. Šarapatka and O. Štěrba (Olomouc, Czech Republic) 145

Vol. 41 Nos. 3–4 **6 July 1998**

Human impact on rural landscapes in central and northern Europe
Ü. Mander (Tartu, Estonia) and R.H.G. Jongman (Wageningen, The Netherlands) 149
Landscape change: Plan or chaos?
M. Antrop (Gent, Belgium) 155
Landscape diversity changes in Estonia
H. Palang, Ü. Mander and A. Luud (Tartu, Estonia) 163
Assessment of landscape change by land evaluation of past and present situation
O. Bastian and M. Röder (Dresden, Germany) 171
A methodological study for biotope and landscape mapping based on CIR aerial photographs
S.A.O. Cousins and M. Ihse (Stockholm, Sweden) 183
Changes in agricultural land use in Estonia in the 1990s detected with multitemporal Landsat MSS imagery
U. Peterson (Tartumaa, Estonia) and R. Aunap (Tartu, Estonia) 193
Applying the fuzzy set theory for medium and small scale landscape assessment
U. Steinhardt (Leipzig, Germany). 203
Comparison of landscape features in organic and conventional farming systems
J.D. van Mansvelt, D.J. Stobbelaar and K. Hendriks (Wageningen, Netherlands). 209
Impact of climatic fluctuations and land use change on runoff and nutrient losses in rural landscapes
Ü. Mander, A. Kull, V. Tamm, V. Kuusemets and R. Karjus (Tartu, Estonia) 229
Assessing the effects of environmental changes in a landscape by means of ecological characteristics of plant species
J. Hoffmann (Müncheberg, Germany) 239
Some examples of different landscape systems and their biodiversity potential
F. Duhme and S. Pauleit (Freising, Germany) 249
Human impact on a paludified landscape in northern Estonia
T. Koff, J.-M. Punning (Tallinn, Estonia) and M. Yli-Halla (Helsinki, Finland) 263
Restoration ecology studies at Cazarils (southern France): Biodiversity and ecosystem trajectories in a mediterranean landscape
J. Aronson, E. Le Floc'h, J.-F. David (Montpellier, France), S. Dhillion (Ås, Norway), M. Abrams (Portland, OR, USA), J.-L. Guillerm and A. Grossmann (Montpellier, France). 273
Oil shale mining and processing impact on landscapes in north-east Estonia
A. Toomik and V. Liblik (Jõhvi, Estonia) 285

Volume Contents 293
Author Index Volumes 38–41. 295
Keyword Index Volumes 38–41 299